

Datasheet

Specifications

SDS tag





Specifications SDS tag

A SDS tag is a small, portable sensor which can be attached to a lanyard or put inside a bracelet, for example around one's upper arm. All tags measure their distance to other SDS tags and when the distance is smaller than a defined trigger distance, the tag's wearer is alerted by a light, sound and/or vibration signal.

Features

- Includes a USB A - micro USB cable (1m) and a quick start manual.
- No app, software or additional infrastructure required. Which makes the devices usable out of the box.
- Can be easily attached to a lanyard.
- Can use light, sound and/or vibration signals to warn an user violating the trigger distance.
- Has a default trigger distance of 1.5m (this can be adjusted with the SDS Access Point).
- In case of a violation of the trigger distance, it uses light, sound and vibration signal to warn the user by default.
- Privacy of the wearer is maintained.
- Has a battery which lasts between 10 to 12 hours assuming average duty cycle.
- The tag is equipped with a status LED to convey operational status.
- Can be switched ON or OFF with the SDS Base Station or charging cable.





- Tags can be paired with the SDS Base Station (number of pairable tags depends on the number of SDS Base Stations, with a maximum of 10).
- Uses ultra wideband technology to measure distances with an accuracy up to 10cm.
- Can be charged with the included micro USB cable.
- The tag is splash resistant and alcohol proof so it can be disinfected thoroughly.
- Complies with the CE regulations.

Electrical specifications

Parameter	Value
Supply Voltage	Typ. 5VDC (Max. 6VDC)
Maximum power usage	5W
Current rating	Typ. 1A (Max. 1.1A)
Battery charge	2050 mAh
Battery time	>10h
Range	Up to 20m (line of sight)

Mechanical specifications

Parameter	Value
Dimensions (lxwxh)	106x46x25mm
Weight	90g
Casing material	PC/ABS
Colour	Green



Environmental specifications

Parameter	Value
Operating temperature	0 to +60 °C
Charging temperature	0 to +45 °C
Humidity	Up to 70%
Operating Height	<2000m

Cleaning information

The device can be cleaned with a damp cloth containing water or soap. Cleaning with alcohol is also possible.

Electrical specifications

- Do not place the tag near big conductive objects.
- Do not put the tag in a conductive box.
- The tag will have a lower accuracy when used in non line of sight.
- The tag will not work through thick walls (made of concrete or wood).
- The tag does not work through water containing objects.

→ Contact the supplier

Sentech B.V.

Looier 5
5253 RA Nieuwkuijk
The Netherlands



info@socialdistancingsensor.nl
Phone: +31 (0) 73 2200 000
www.socialdistancingsensor.nl

Manufacturer

Focus Technologies B.V.

Flight Forum 3360
5657 EW Eindhoven
The Netherlands



Phone: +31 (0) 40 220 4503
www.findfocus.nl



challenge  accepted.